Missouri Botanical Garden
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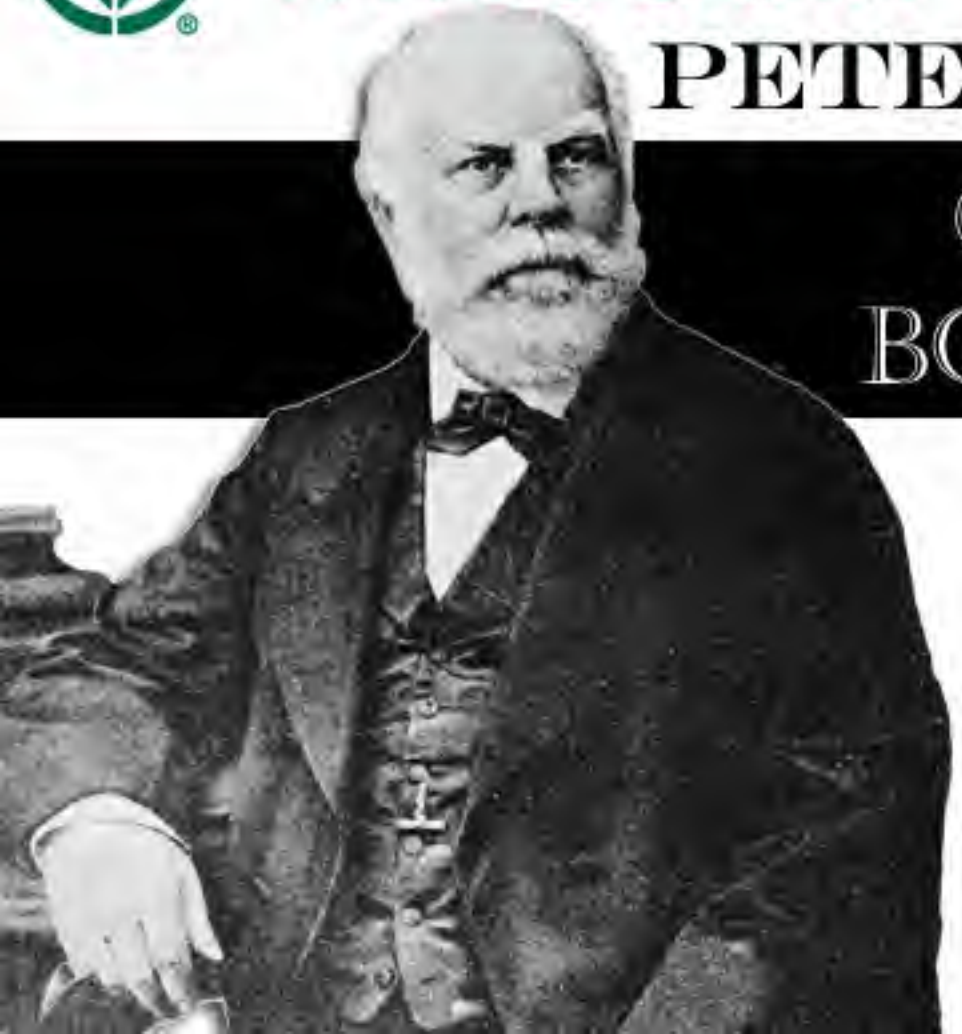

Pagination Note:
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Echinopsis

1. Brevifloræ d'Orbe — no fruit yet seen.
2. Longifloræ nocturnæ

574-5741

Echinopsis

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cm
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Fort Guedeney, Dessicat, 5/4 69

Echeveria sipomoza has yellow shortish flowers
much like an Echeveveria (has it the ovary ?)
not at all tubulose like E. rhodantha.

E.

1621

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Fort Dyak Aug 1857

The large, & the colossal plants which I see in many gardens (Kew &c, Paris &c) with numerous, ribs, close areolae and numerous long and thin spines are Echinopsis formosa, acervata and Mexican one from which it is not known yet, why are whether Echinopsis Cereus or Echinocactus. —

Ech. rhodacantha is similar but the spines are fewer, and much shorter.

1622

bud.

Pedicularis dentata, the various plant with curved, flexuous appressed spikes of tubular flowers, with few rounded scales or bracts

c'est a Coeur d'Alene !! [1864]

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1623 Hort Schaefer, munto Jun 1857

Echinopsis Teillaudii with oblique, interrupted ribs

flower short like a small flowered Echinocereus; open only in the brightest sunshine and ~~only a day~~ then not very wide; closed at night, purplish red or red with a purplish gloss.

ovario tuboque sepalis squamiformibus 30–35 stipato ad axillas lanam longam griseam ~~et aculeos~~ subsingulos pilos r. represantes setasque deficientes gerentibus – sepalis intimoribus 15–18 oblongo – lanceolatis ~~mucronatis~~ patentibus, petalis 15–18 lanceolatis mucronatis. tubo intus ad basin conjugato, staminibus exsertis sparsis, superioribus pluribus, coronariis distinctis nullis; stylo viridi staminibus aequante, stigmatibus flavis. 7–10, ovato-globosis.

Ech. pulchella flower very similar to Teillaudii and plant also similar, at least in the shape of the obliquely interrupted ribs; stigmata white; style shorter than stamina.

Ovario tuboque squalis squamiformibus sub 3/4 stipato ad axillas lanam albam copiosam aculeosque albos singulos ad terminos gemitibus sepalis intimoribus sub 13 spathulatis acutis petalis sub 13 lanceolatis acuminatis purpureis tubo intus basi coniato nudo; corona staminea distincta nulla; stylo staminibus subbrevior stigmatibus sub-6 viridibus in capitulum connatis. —

On account of the "obliquely interrupt ribs" this can not be pulchella, which is an Echinocereus, but is a real Echinopsis

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Schiaopsis Lagermanni (unde nomen ?)

12 ribs, almost inerm. similar to Gyrocarpus but rose-red flowers; — villous seeds.

All these Schizopsides — also C. Jurtanii burst open the dry green fruit like a pod lengthways, the pulp all falls out together!

Hort Vindt. Jan. 1858

1624

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Echinopsis multiplex ? May 1860

Numerous scales on ovary & tube
subulate, acuminate — apiculate, green &
fleshy at base (same in other
Echinopses.

1625

In their axills only long grey hairs
very abundant — no spines
enveloping the ovary & part of tube.

Style shorter th stamens 12 stigm. ovate spreading
6 lines long.

flowers 8 1/2 inches Echin. multiflex ?
ovary 9 lines
naked space of tube 1 1/4 lines
staminate part — 2 inches
upper naked space 2 2/3 — ~~2 1/4~~ inches
upper stamens (corona) 9 — 10 lines long, single
top of stigmeats 5 lines shorter th anthers of corona
petals 35 outer acuminate — subulate pointed
slightly denticulate

1626

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T. TANTON,

APOTHECARY,

CORNER OF SIXTH AND OLIVE STREETS,

ST. LOUIS, MO.

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LEXANDER
OF FOURTH AND MARKET STR
ST. LOUIS.

Style shorter th stamin — 12 stigm. white spreadg
6 lines long.
Echin. multiflex ?

flowers 8/9 inches
over 9 lines
naked space of tube 1½ lines
staminate part — 2 inches
upper naked space 2⅔ — ~~2½~~ inches
upper stamens (corona) 9–10 lin long, single row
top of stigmata 5 lines shorter th anthers of corona
petals 35 — outer acuminate — subulate pointed
slightly denticulate

1626

Echinopsis multiplex May 16 1860

Pollen $\frac{19-20}{412}$ lin diam. granulate.

ovules $\frac{13-15}{60}$ lin

Echps. multiplex
H. Goebel May 16
purple flowers

NDER,
CARY,
WALNUT STRI
HOEEL,
IS, MO.

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LEXANDER,
OF FOURTH AND MARKET STREETS,
ST. LOUIS.

T. TA
APOTH
CORNER OF SIXTH
ST. LO

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412

ovules 11–15 in
60

Echps. multiplex
H. Goebel. May 16
simple flowers

1627

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ENNO SANDER,

APOTHECARY,

CORNER OF SECOND AND WALNUT STREETS,

UNDER BARNUM'S HOEEL,

SAINT LOUIS, MO.

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Echinops Egericsii

6 July 1860

Pollen spinulose, globose

16 – 20 / 412 Cir Diamt –

fl. 10 inches long

Ovary 15 Cir long

naked part of tube 2 inches

staminiferous part 2 3/4 in

naked part to Corona 2 3/4 in

stems of Corona org 7–8 Cir long

12 obtuse linear stigmata

1628

Echinops Egericsii Jubal May 1860

13 yellow stigmata 6 Cir long

ovary 14 lines

naked tube 1 3/4 Jubl

1629

ARTHUR LEITCH,

APOTHECARY AND CHEMIST.

Sixth and Market streets, St. Louis, Mo.

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Echinops Ecreeii Jebel May 1860

13 yellow stigmata 6 lin Corona

ovary 14 lines

naked tube 1 3/4 Jell 1629

Staminal 2 1/4 Jell

the naked 2 1/2

petals only 1/2 inch beyond corona

Stamens of corona only 9 lin long

Pollen globe 16/412 - 17/412 lin diam

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Sixth and Market streets, St. Louis, Mo.

Echinopsis Jussieuii Hort gobel May 1860

Fl. 10 inches long, white.
ovary & lower part of tube covered with subulate
scales which terminate in a black elongated
bristle. Scales below dry, upwards, tube
fleshy; long in the axil. long gray &
dark coarse wool,
ovary 1 inch long
naked part of tube 1½ inches
stamen bearing part 2½ inches
upper naked part to corona 3 inches
from corona to top of petals 2 inches
stamens of Corona abt 9 inches long
14 stigmata filiform, whitish 7 lines long
petals broader, more acuminate, less numerous
than in *Eyriesii*

1630

ovules ⅕ line long
funicle very long
much branched

ER,

T STREETS,

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M. W. ALEXANDER,

SOUTH-EAST CORNER OF FOURTH AND MARKET STREETS,

ST. LOUIS.

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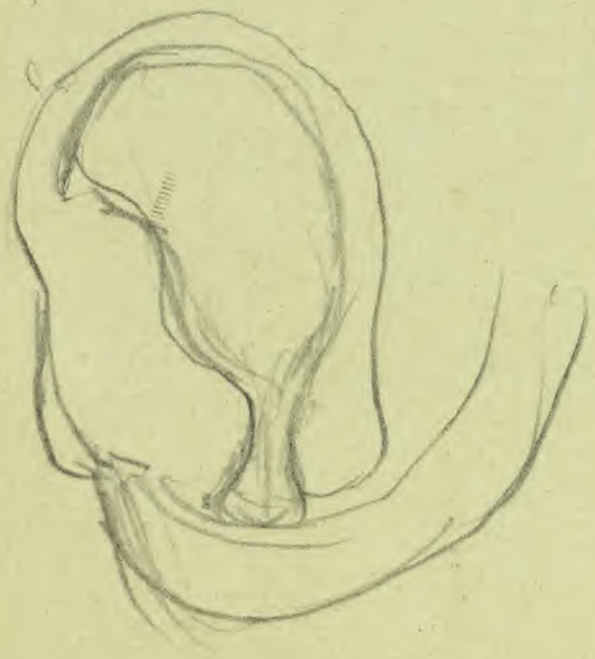
×60

Ovules $\frac{1}{5}$ line long
funicle very long
nucle bruised
inner coat with fibrillae

Pollen



Pollen $\frac{20}{412} - \frac{21}{412}$ line
globulous
granulated

1631

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SOUTH-EAST CORNER OF FOURTH AND MARKET STREETS,
ST. LOUIS.

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Echinopsis Eyriesii 1632 Hort Gorbel 1860 May all flowers

E. Schelhasii " similar with a little longer spikes.

E. Jurasinii " with 12-14 ribs darker spines, sharper ribs, more woolly flowers.

E. multiplex " 14 ribs, shorter spines, slender ribs, less woolly flowers

purple white

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